OP940-SW

Insertion Loss & Return Loss Meter

Multifiber / Ribbon Testing

∕∕ Overview

The **OP940-SW** is a multichannel insertion loss (IL) and return loss (RL) meter designed for testing ribbon cables and multi-pin termini. It features a color LCD screen, an optical reflectance scan mode, programmable pass/fail for editable test criteria and on screen context help. Additionally, the **OP940** can measure return loss (RL) at two positions simultaneously through the front panel and it offers expandable functionality. As with our other IL/RL systems, the **OP940** measures RL quickly and accurately without the need for mandrel wrapping or the use of index matching gel, and is available in Single Mode, Multimode, and FTTX variants.
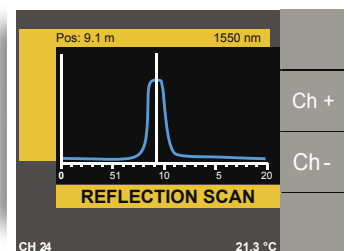
By incorporating a high-quality MEMS optical switch, the **OP940-SW** is able to quickly and accurately test multichannel cables. It can be built with 4 and up to 24 channels and all source connectors are easily accessible to minimize downtime on high volume production lines in case of optical endface damage.

Model OP940-MM-SW24-8513-R Insertion and Return Loss Test Set
designed for testing multifiber multimode cables

∕∕ Features

- Measures Multifiber and Ribbon Cables in Seconds
- Produces All-In-One Cable Datasheet
- Front Panel Optical Reflectance Trace for each Channel
- Set Return Loss Reference Position and Value
- Measures Return Loss at Multiple Connection Points through the Front Panel
- Programmable Pass/Fail
- Expandable Functionality
- On Screen Help
- Configurable Timer Settings, such as Dwell Times
- User Accessible Source Connectors
- Easy to Use
- Single Mode, Multimode, FTTX

Scan mode with reflection at 9.1m